

**IN THE SPECIFICATION**

At page 2, after the heading Cross-Reference to Related Applications, delete lines 2-7 and substitute therefor the following paragraphs:

~~The present application claims the benefit of U.S. Provisional Application No. 60/290,433 filed May 11, 2001, entitled ESTIMATING THE EFFICIENCY OF A VAPOR COMPRESSION CYCLE; and U.S. Provisional Application No. (Not Yet Known) filed August 17, 2001, under Express Mail # EJ045546604US, entitled VAPOR COMPRESSION CYCLE FAULT DETECTION AND DIAGNOSTICS in the name of Todd Rossi, Dale Rossi and Jon Douglas.~~

The present application claims the benefit of priority under all applicable United States statutes, including 35 U.S.C. §120, to U.S. Application No. 09/939,012 filed August 24, 2001, titled APPARATUS AND METHOD FOR DETECTING FAULTS AND PROVIDING DIAGNOSTICS IN VAPOR COMPRESSION CYCLE EQUIPMENT, which in turn claims priority under all applicable United States statutes, including 35 U.S.C. § 119(e), to U.S. Provisional Application No. 60/290,433 filed May 11, 2001, titled ESTIMATING THE EFFICIENCY OF A VAPOR COMPRESSION CYCLE, and U.S. Provisional Application No.

60/313,289 filed August 17, 2001, titled, VAPOR COMPRESSION CYCLE FAULT  
DETECTION AND DIAGNOSTICS in the name of Todd Rossi, Dale Rossi and Jon Douglas.

Applicants hereby incorporate by reference, as if their text was fully set forth herein, U.S.  
Application No. 09/939,012, and U.S. Provisional Application Nos. 60/290,433 and 60/313,289.